IN THE CLAIMS:

1. (Withdrawn) A planar inductance comprising:

planar spiral windings including a winding an "eight" shape with a first loop and a second loop, and cross-conductors carrying current in the same direction and running between the first loop and the second loop; and

power supply lines extending from opposite sides of the second loop.

2. (Withdrawn) The planar inductance as claimed in claim 1, the cross-conductors are located parallel with each other, and a cross-conductor and a second cross-conductor are joined to the power supply lines on opposite sides.

3. (Withdrawn) The planar inductance as claimed in claim 1 or 2, wherein each eye of the winding is equipped with multiple windings, arranged spirally inside one another, inner ends of inner winding being joined together.

4. (Withdrawn) The planar inductance as claimed in claim 3, a first eye of a first winding adjacent to which the supply lines run is arranged to be smaller than a second eye of a second winding in order to compensate a magnetic field of the supply lines.

5. (Withdrawn) The planar inductance as claimed in claim 4, wherein an additional metallization plane is provided, and central conductors are, in part, located one

above another.

6. (Withdrawn) The planar inductance of claim 1, wherein the second loop is smaller than the first loop.

7. (Withdrawn) The planar inductance of claim 1, wherein a magnetic field of the first loop is substantially compensated by a combined magnetic field of the second loop and the power supply lines.

8. (Withdrawn) The planar inductance of claim 1, wherein the first loop and the second loop are on a single plane.

9. (Currently Amended) An inductor comprising:

a winding having a first loop and a second loop having oppositely directed windings and a cross-conduction area therebetween having a unidirectional current path; and

a pair of power supply lines extending from opposite sides of the second loop, , a first power supply line of said pair of power supply lines connected to the first loop and a second power supply line of said pair of power supply lines connected to the second loop so that a current path from the first power supply line to the second power supply line through the cross-conduction area between the first loop and second loop ~~wherein a magnetic field of the first~~

~~loop is substantially compensated by a combined magnetic field of the second loop and the power supply lines~~ does not generate a magnetic field sufficient to interfere with a magnetic field of either of the first loop and second loop of the winding.

10. (Canceled)

11. (Currently Amended) The inductor of claim 9, wherein the current path in the cross-conduction area from the first loop~~,~~ to the second loop comprises a plurality of current paths substantially parallel to each otherand ~~the power supply lines are configured to reduce a magnetic field outside the first loop and the second loop~~.

12. (Previously Presented) The inductor of claim 9, wherein the first loop and the second loop are on a single plane.

13.(Currently Amended) The inductor of claim 9, wherein the power supply lines extend away from the cross-conduction area between the first loop and the second loop, and the power supply lines are arranged along opposite sides of the second loop in a substantially perpendicular direction to the cross-conduction area.

14. (Withdrawn) The inductor of claim 9, further comprising cross conductors between the first loop and the second loop, said cross conductors being configured to carry current in a same direction.

15. (Withdrawn) The inductor of claim 9, wherein the cross conductors are substantially parallel to each other.

16. (Withdrawn) The inductor of claim 9, wherein the first loop and the second loop are configured to carry current in opposite directions.

17. (Currently Amended) The inductor of claim 9, wherein the first loop and the second loop are configured to form an "eight" shape, with the cross-conduction area therebetween.

18. (Currently Amended) The inductor of claim 9, wherein a magnetic field of the first loop is~~and substantially compensated by a combined~~ magnetic field of the second loop ~~and the power supply lines~~ have no appreciable magnetic field components outside of the respective loops.